



PTO/SB/08/b (07-05)

Approved for use through 07/31/2005, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/550,887
				Filing Date	September 27, 2005
				First Named Inventor	Hiroshi ITATANI
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	0760-0349PUS1
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			²
	CA	FILLEY et al., "Theoretical Study of Ethylene-Vinyl Acetate Free-Radical Copolymerization Reactivity Ratios, Penultimate Effects, and Relative Rates of Chain Transfer to Polymer", <i>Macromolecules</i> , Vol. 35, (2002), pp.3731-3738			
	CB	YAMANAKA et al., "Preparation and Properties of Hyperbranched Aromatic Polyimides via Polyamic Acid Methyl Ester Precursors", <i>Macromolecules</i> , Vol.33, (2000), pp.6937-6944			
	CC	YAMANAKA et al., "Preparation of Hyperbranched Aromatic Polyimide without Linear Units by End-Capping Reaction", <i>Macromolecules</i> , Vol.34, (2001), pp.3910-3915			
	CD	FANG et al., "Hyperbranched Polyimides for Gas Separation Applications. 1. Synthesis and Characterization.", <i>Macromolecules</i> , Vol.33, (2000), pp.4639-4646			
	CE	HAO et al., "Preparation of Hyperbranched Aromatic Polyimides via A ₂ + B ₃ Approach", <i>Macromolecules</i> , Vol.35, (2002), pp.5372-5381			
	CF	YAMANAKA et al., "Synthesis of Hyperbranched Aromatic Polyimides via Polyamic Acid Methyl Ester Precursor", <i>Macromolecules</i> , Vol.33, (2000), pp.1111-1114			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Michael Leonard/	Date Considered	04/01/2009
--------------------	-------------------	-----------------	------------

Birch, Stewart, Kolach & Birch, LLP

GMM/kj

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.L./